Form PTO-1449 (Modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No. 1789-02202	Serial No. 09/670,230
Applicant Andrew R. Barron	
Filing Date September 28, 2000	Group 1731

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CF	AA	Anderson et al., *Titania and Alumina Ceramic Membranes*, Journal of Membrane Science, 39 (1988) pp. 243-258
CF	AB	Baltus, *Characterization of the Pore Area Distribution in Porous Membranes Using Transport Measurements*, Journal of Membrane Science, 123 (1197) pp. 165-184
CF	AC	Furneaux et al., *The Formation of Controlled-porosity Membranes from Anodically Oxidized Aluminum*, Nature Vol. 337, January 12, 1989 (pp. 147-149)
CF	AD	Kim et al., *Hydraulic and Surface Characteristics of Membranes with Parallel Cylindrical Pores*, Journal of Membrane Science, 123 (1997) pp. 303-314
CF	AE	Vries et al., *Thermal Stability and its Improvement of the Alumina Membrane Top-layers Prepared by Sol-gel Methods*, Journal of Materials Science, 26 (1991) pp. 715-720
CF	AF	Michalske et al., *Strength and Toughness of Continuous-Alumina-Fiber-Reinforced Glass-Matrix Composites*, Journal of American Ceramic Society, Vol. 71, No. 9 pp. 725-731 (1988)
CF	AG	Nogami, *Sol-gel Preparation of SiO_2 Glasses Containing Al_2O_3 or ZrO_2*, Journal of Non-Crystalline Solids 178 (1994) pp. 320-326
CF	AH	Okubo et al., *Preparation of γ-alumina Thin Membrane by Sol-gel Processing and its Characterization by Gas Permeation*, Journal of Materials Science 25 (1990) pp. 4822-4827
CF	AI	Rezgui et al., *Control of Magnesia-alumina Properties by Acetic Acid in Sol-gel Synthesis*, Journal of Non-Crystalline Solids 210 (1997) pp. 287-297
CF	AJ	Shelleman et al., *Alpha Alumina Transformation in Seeded Boehmite Gels*, Journal of Non-Chrystalline Solids 82 (19986) pp. 277-285
CF	AK	Wilson et al., *The Porosity of Aluminum Oxide Phases Derived from Well-Crystallized Boehmite: Correlated Electron Microscope, Adsorption, and Porosimetry Studies*, Journal of Colloid and Interface Science, Vol. 82, No. 2, August 1981 (pp. 507-517)
CF	AL	Yoldas, *Alumina Gels that Form Porous Transparent Al_2O_3*, Journal of Material Science
CF	AM	Adkins, *The Selective Activation of Alumina for Decarboxylation or for Dehydration*, Selective Activation of Alumina pp. 2175-2186
CF	AN	Courtright, *Engineering Property Limitations of Structural Ceramics and Ceramic Composites Above 1600°C*, Ceramic Engineering Science Proc. 12(9-10) pp. 1725-1744 (1991)
CF	AO	Elaloui et al., *Influence of the Sol-Gel Processing Method on the Structure and the Porous Texture of Nondoped Aluminas*, Journal of Catalysis 166, pp. 340-346 (1997)
CF	AP	Sirkar, New Membrane Materials and Processes for Separation, Published by American Institute of Chemical Engineers, 1988
CF	AQ	Kareiva et al., *Carboxylate-Substituted Alumoxanes as Processable Precursors to Transition Metal-Aluminum and Lanthanide-Aluminum Mixed-Metal Oxides: Atomic Scale Mixing via a New Transmetalation Reaction*, Chemistry of Materials Vol. 8, Number 9, pp. 2331-2340
CF	AR	Kingery et al., Introduction to Ceramics Wiley-Interscience Publication, 1960
	[redacted]	
CF	AT	Lao et al., *Microporous Inorganic Membranes: Preparation by the Sol-gel Process and Characterization of Unsupported Composite Membranes of Alumina and Polyoxoaluminium Pillard Montmorillonite*, Journal of Materials Science Letters 13 (1994) pp. 895-897
CF	AU	Low et al., *Synthesis and Properties of Spodumene-modified Mullite Ceramics formed by Sol-gel Processing*, Journal of Materials Science Letters 16 (1997) pp. 982-984
CF	AV	Nikolic et al., *Alumina Strengthening by Silica Sol-gel Coating*, Thin Solid Films 295 (1997) pp. 101-103
CF	AW	Rezgui et al., *Chemistry of Sol-Gel Synthesis of Aluminum Oxides with in Situ Water Formation: Control of the Morphology and Texture*, Chem Mater (1994) 6, pp. 2390-2397
CF	AX	Serna et al., *Division S-9 ----Sole Mineralogy*, Soil Sci. Soc. Am. Journal, Vol. 41 (1997) pp. 1009-1013
CF	AY	Yoldas, *Alumina Gels that Form Porous Transparent Al_2O_3*, Journal of Materials Science 10 (1975) pp. 1856-1860
	AZ	Zaspalis et al., *Synthesis and Characterization of Primary Alumina, Titania and Binary Membranes*, Journal of Materials Science 27 (1992) pp. 1023-1035

EXAMINER [illegible]	**DATE CONSIDERED** 3/6/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP ' 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

118297.01/1789.02202

* reference AS was previously cited (see office action of 5/19/03)

Form PTO-1449 (Modified)	Atty. Docket No. 1789-02202	Serial No. 09/670,230
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Andrew R. Barron et al.	
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CF	AW	Y. Koide, et al; *Alumoxanes as Cocatalysts in the Palladium-Catalyzed Copolymerization of Carbon Monoxide and Ethylene: Genesis of a Structure-Activity Relationship*; Organometallics, vol. 15, No. 9. (pp. 2213-2226)
CF	AX	A. MacInnes, et al; *Chemical Vapor Deposition of Gallium Sulfide: Phase Control by Molecular Design*; American Chemical society, 1993; *(pp. 1344-1351)*
CF	AY	R. S. Bauer, *Epoxy Resins*, American Chemical Society, 1985 (15 p.)
CF	AZ	C. Landry, et al; *Siloxy-Substituted Alumoxanes: Synehesis from Polydialkylsiloxanes and Trimethylaluminium, and Application as Aluminosilicate Precursors*; J. Mater. Chem. 1993; (pp. 597 – 6020)
CF	BA	K. Andrianov et al; *Synthesis of New Polymers with Inorganic Chains of Molecules*; Journal of Polymer science, Vol. XXX, 1958 (pp. 513-524)
CF	BB	G. Whiteside, et al; Articles; *Molecular Self-Assembly and Nanochemistry: A chemical Strategy for the Synthesis of Nanostructures*; Science, Vol. 254, November 1991; (pp. 1312 - 1319)
CF	BC	B. Yoldas; *Alumina Gels that Form Porous Transparent Al_2O_3* Journal of Materials Science 1975; (pp. 1856-1860)
CF	BD	Malcolm P. Stevens, *Polymer Chemistry, An Introduction*, Oxford University Press, 1990 (9 p.)
CF	BE	A. Kareiva, et al; *Carboxylate-Substituted Alumoxanes as Processable Percursors to Transition Metal-Aluminum and Lanthanide-Aluminum Mixed-metal Oxides: Atomic Scale Mixing via a New Transmetalation* Reactio; American Chemical Society 1996 (pp. 2231-2340) XP
[redacted]		R. Callender, *Aqueous Synthesis of Water-Soluble Aluminoxanes* [redacted]
CF	BG	C. Vogelson, et al; *Inorganic-Organic Hybrid and Composite Materials Using Carboxylate-Alumoxanes*; World Ceramics Congress, June 14-19, 1998; (pp. 499 - 506)
CF	BH	J. M. G. Cowie, Professor of Chemistry, University of Stirling, *Polymers: Chemistry and Physics of Modern Materials*, Intertext Books, (13 p.)
CF	BI	*Thermal Conductivity of Epoxy resin-Aluminium (0 to 50%)*; and *Diavalent Chromium in Alkaline Earth Silicate Systems;* Chapman and Hall Ltd.; 1977; (pp.1689 - 1691)
CF	BJ	H. Schmidt et al., *Inorganic-Organic Hybrid Coatings for Metal and Glass Surfaces*, American Chemical Society 1995 (pp. 331-347)

* Reference BF has been lined through because it is a duplicate of reference AE on the 3/11/03 PTO-1449. Also the copy of the BF reference furnished is uncomplete.

EXAMINER	DATE CONSIDERED
[signature]	5/14/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

CHRISTOPHER A. FIORILLA
PRIMARY EXAMINER
Au 1731